



SW 198th Avenue Improvements

ALTERNATIVES EVALUATION MATRIX

OPEN HOUSE 6/2/16



SW BLANTON STREET REALIGNMENT

Design Alternatives	Screening Criteria							TOTAL RATING	Notes
	County Road Standards	Multimodal Opportunities	Safety for All Modes	Cost Effectiveness	Property Impacts	Environmental	Maintenance Costs		
ALTERNATIVE 1 West Leg Realignment	●	●	●	●	●	●	●	11	<ul style="list-style-type: none"> •Adds sidewalks and bicycle lanes within project limits •Adds multimodal opportunities •Improves safety through addition of left-turn lane •30,994 square footage in property impacts •11 property impacts •no driveway impacts •no setback impacts •no building impacts •54 Intel parking spot impacts •Impact to existing water quality facility, space available to mitigate
ALTERNATIVE 2 East Leg Realignment	●	●	●	○	○	●	●	8	<ul style="list-style-type: none"> •Adds sidewalks and bicycle lanes within project limits •Adds multimodal opportunities •Improves safety through addition of left-turn lane •37,915 square footage in property impacts •13 property impacts •1 driveway impacts •3 setback impacts •6 building impacts •no Intel parking spot impacts •Minimal impact to existing water quality facility
ALTERNATIVE 3 Roundabout	○	●	●	●	●	○	●	8	<ul style="list-style-type: none"> •Southbound traffic will back up increasing the queue at TV Hwy •Adds sidewalks and bicycle lanes within project limits •Adds multimodal opportunities and mixes modes •Reduces vehicle crash number and severity •Improves safety through addition of left-turn movement •25,112 square footage in property impacts •2 property impacts •no driveway impacts •no setback impacts •3 building impacts •5 Intel parking spot impacts •Impact to existing water quality facility, no space available to mitigate

Sufficient Preferred

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SW KINNAMAN ROAD REALIGNMENT

Design Alternatives	Screening Criteria							TOTAL RATING	Notes
	County Road Standards	Multimodal Opportunities	Safety for All Modes	Cost Effectiveness	Property Impacts	Environmental	Maintenance Costs		
ALTERNATIVE 1 West Leg Realignment	◐	●	●	●	●	◐	◐	11	<ul style="list-style-type: none"> • Adds sidewalks and bicycle lanes within project limits • Adds multimodal opportunities • Improves safety through addition of left-turn lane • 48,565 square footage in property impacts • 10 property impacts • 2 driveway impacts • no setback impacts • 1 building impacts
ALTERNATIVE 2 East Leg Realignment	◐	●	●	◐	◐	◐	◐	9	<ul style="list-style-type: none"> • Adds sidewalks and bicycle lanes within project limits • Adds multimodal opportunities • Improves safety through addition of left-turn lane • 24,603 square footage in property impacts • 4 property impacts • no driveway impacts • no setback impacts • 6 building impacts
ALTERNATIVE 3 Roundabout	○	●	●	◐	◐	◐	●	9	<ul style="list-style-type: none"> • Reduces vehicle crash number and severity • Inadequate intersection and side street spacing • Inadequate driveway access into intersections • Adds sidewalks and bicycle lanes within project limits • Adds multimodal opportunities and mixes modes • Improves safety through addition of left-turn movement • 28,806 square footage in property impacts • 3 property impacts • 1 driveway impacts • 3 setback impacts • 5 building impacts

Sufficient Preferred

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